CLAIMS:

1. Downhole apparatus for locating equipment in a required depth and orientation within a well bore, the apparatus comprising a body and a latching member mounted on said body so as to be movable between a retracted position and an extended position, the latching member projecting a greater distance from said body when in the extended position than when in the retracted position, wherein the latching member is adapted to project into a latch profile provided in a casing of a well bore when in the extended position during use and is further adapted to engage with a first portion of said profile in such a way that, when pressed against said profile portion, the latch member tends to slide along a well bore casing edge defining said profile portion so as to locate the latching member centrally in said profile portion before preventing movement of the downhole apparatus in the direction of pressing, the latching member being yet further adapted to engage a second portion of said profile in such a way that, when pressed against said second profile portion, the latching member is moved towards the retracted position so as to permit movement of the downhole apparatus past said latch profile.

2. Downhole apparatus as claimed in claim 1, wherein the apparatus comprises an anchor packer for fixing equipment in the required depth and orientation within the well bore.

3. A method of positioning downhole equipment within a well bore, the method comprising the steps of providing a latch profile in the wall of the well bore or well bore casing; locating a latch member in said latch profile; determining the position and orientation of said latch profile; and making up a spring comprising equipment to be positioned within the well bore, said equipment being fixed relative to a latch member for locating in said latch profile and said equipment being positioned and orientated in view of said determination so as to ensure a desired position and orientation of said equipment is achieved in the well bore when the latch member is located in said latch profile.